

**Table I-4 Between Zone Comparisons of Surface Sediments Metals (Untransformed) Using Student-Newman-Kuels Test**

Analyte	Zone	n	Significantly Different Zones	Mean (µg/g)	Minimum (µg/g)	Maximum (µg/g)	Standard Deviation (µg/g)	Coefficient of Variation (%)
Antimony	0	8	B	0.22	0.13	0.33	0.06	26.49
Antimony	1	17	B	0.22	0.18	0.25	0.02	10.52
Antimony	2	17	B	0.23	0.21	0.25	0.01	4.68
Antimony	3	17	A	0.26	0.23	0.27	0.01	3.94
Arsenic	0	8	A	2.44	1.03	3.30	0.78	32.10
Arsenic	1	17	B	2.04	1.42	2.81	0.42	20.77
Arsenic	2	17	AB	2.22	1.70	3.00	0.31	13.78
Arsenic	3	17	B	2.00	1.55	2.72	0.29	14.54
Barium	0	8	B	192.79	137.90	229.69	34.06	17.67
Barium	1	17	B	209.18	184.77	221.45	10.86	5.19
Barium	2	17	AB	200.35	183.56	214.29	10.36	5.17
Barium	3	17	A	194.87	176.87	201.89	6.25	3.21
Beryllium	0	8	B	0.29	0.24	0.34	0.04	14.60
Beryllium	1	17	AB	0.30	0.26	0.33	0.02	8.22
Beryllium	2	17	C	0.27	0.23	0.30	0.02	7.24
Beryllium	3	17	A	0.31	0.30	0.34	0.01	3.20
Cadmium	0	8	C	0.02	0.02	0.03	0.00	18.22
Cadmium	1	17	BC	0.03	0.02	0.03	0.00	13.90
Cadmium	2	17	B	0.03	0.02	0.05	0.01	18.67
Cadmium	3	17	A	0.04	0.03	0.05	0.01	16.01
Chromium	0	8	AB	16.52	12.92	19.71	2.04	12.35
Chromium	1	17	B	16.00	14.01	17.82	1.18	7.38
Chromium	2	17	AB	17.18	15.38	18.28	0.72	4.17
Chromium	3	17	A	16.69	15.12	18.05	0.88	5.25
Copper	0	8	AB	8.42	5.44	10.26	1.52	18.05
Copper	1	17	B	7.78	6.12	9.69	1.12	14.38
Copper	2	17	A	8.82	8.17	9.56	0.34	3.85
Copper	3	17	AB	8.29	7.26	8.79	0.38	4.64
Lead	0	8	B	2.77	1.95	3.13	0.37	13.43
Lead	1	17	A	3.08	2.84	3.24	0.12	3.86
Lead	2	17	A	3.20	3.09	3.34	0.06	1.90
Lead	3	17	A	3.12	2.81	3.24	0.10	3.25
Manganese	0	8	A	206.96	166.87	233.97	26.17	12.64
Manganese	1	17	A	216.94	187.03	262.15	21.21	9.78

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Analyte	Zone	n	Significantly Different Zones	Mean (µg/g)	Minimum (µg/g)	Maximum (µg/g)	Standard Deviation (µg/g)	Coefficient of Variation (%)
Manganese	2	17	A	217.76	180.00	468.27	67.51	31.00
Manganese	3	17	A	222.92	165.07	336.19	43.19	19.38
Mercury	0	8	AB	0.01	0.01	0.03	0.01	48.59
Mercury	1	17	B	0.01	0.01	0.02	0.00	17.15
Mercury	2	17	AB	0.01	0.01	0.02	0.00	9.18
Mercury	3	17	A	0.01	0.01	0.02	0.00	8.58
Nickel	0	8	A	8.36	6.68	9.88	0.95	11.38
Nickel	1	17	A	7.86	6.69	9.41	0.91	11.54
Nickel	2	17	A	8.20	7.33	8.96	0.55	6.65
Nickel	3	17	A	8.55	7.58	8.95	0.32	3.78
Selenium	0	8	C	0.05	0.02	0.08	0.02	45.25
Selenium	1	17	BC	0.06	0.03	0.12	0.02	37.21
Selenium	2	17	A	0.09	0.06	0.12	0.02	19.02
Selenium	3	17	A	0.07	0.06	0.09	0.01	16.04
Silver	0	8	A	0.02	0.01	0.03	0.01	35.03
Silver	1	17	A	0.02	0.01	0.02	0.00	13.60
Silver	2	17	A	0.02	0.01	0.02	0.00	25.18
Silver	3	17	A	0.02	0.02	0.02	0.00	8.72
Thallium	0	8	A	0.10	0.08	0.13	0.02	17.24
Thallium	1	17	A	0.11	0.10	0.12	0.01	5.54
Thallium	2	17	A	0.11	0.10	0.12	0.00	4.01
Thallium	3	17	A	0.10	0.09	0.11	0.00	3.93
Tin	0	8	B	0.38	0.28	0.45	0.05	13.60
Tin	1	17	A	0.41	0.37	0.48	0.03	7.21
Tin	2	17	A	0.41	0.38	0.42	0.01	3.02
Tin	3	17	A	0.41	0.37	0.44	0.02	4.17
Vanadium	0	8	B	31.52	29.12	34.79	1.90	6.04
Vanadium	1	17	B	32.32	30.23	34.66	1.23	3.80
Vanadium	2	17	B	33.49	31.31	35.58	1.37	4.08
Vanadium	3	17	A	32.02	29.20	35.04	1.52	4.76
Zinc	0	8	B	25.29	20.11	29.05	2.49	9.84
Zinc	1	17	B	25.16	22.67	27.66	1.36	5.41
Zinc	2	17	A	26.99	26.22	28.54	0.63	2.35
Zinc	3	17	A	27.87	26.87	28.77	0.69	2.46